

## SEQUENCE LISTING

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<120> GAS1 POLYPEPTIDES

<130> JAB-1526

<150> PCT/EP00/08182

<151> 2000-08-21

<150> EP 99306702.4

<151> 1999-08-24

<160> 10

<170> PatentIn Ver. 2.0

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<211> 1762

<212> DNA

<213> Rattus norvegicus

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<212> PRT

<213> Rattus norvegicus

<400> 2

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35 40 45

Gly Gly Gly Ala Arg Ser Gly Ser Leu Pro Gly Ala Leu Leu Cys Leu

50 55 60

Met Ala Leu Leu Gln Leu Leu Gly Ser Ala Pro Arg Gly Ser Gly Leu

65 70 75 80

Ala His Gly Arg Arg Leu Ile Cys Trp Gln Ala Leu Leu Gln Cys Gln

85 90 95

Gly Glu Pro Asp Cys Ser Tyr Ala Tyr Ser Gln Tyr Ala Glu Ala Cys

100 105 110

Ala Pro Val Leu Ala Gln Arg Gly Gly Ala Asp Ala Pro Gly Pro Val

115 120 125

Gly Ala Phe Pro Ser Ser Ala Ala Ser Phe Ser Pro Arg Trp Arg Cys

130

135

140

Pro Ser His Cys Ile Ser Ala Leu Ile Gln Leu Asn His Thr Arg Arg

145

150

155

160

Gly Pro Ala Leu Glu Asp Ser Asp Cys Ala Gln Asp Glu His Cys Arg

165

170

175

Ser Thr Lys Arg Ala Ile Glu Pro Cys Leu Pro Arg Thr Ser Ser Val

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185

190

Gly Pro Gly Ala Gly Ala Gly Ser Val Met Gly Cys Thr Glu Ala Arg

195

200

205

Arg Arg Cys Asp Arg Asp Ser Arg Cys Asn Leu Ala Leu Gly Arg Tyr

210

215

220

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225

230

235

240

Cys Arg Ala Val Ile Glu Asp Met Leu Ala Val Pro Lys Ala Ala Leu

245

250

255

Leu Asn Asp Cys Val Cys Asp Gly Leu Glu Arg Pro Ile Cys Glu Ser

260

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270

Val Lys Glu Asn Met Ala Arg Leu Cys Phe Gly Pro Asp Ala Ser Asn

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| 290   | 295 | 300     |
| Glu Glu Tyr Asp Asp Glu Gln Arg Ala Gly Ala Ala Gly Gly Glu Gln |     |         |
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| Pro Leu Asp Asp Asp Asp Gly Leu Ala Arg Pro Gly Gly Gly Ala Ala |     |         |
| 325   | 330 | 335     |
| Gly Ala Gly Gly Arg Gly Asp Leu Pro His Gly Pro Gly Arg Arg Ser |     |         |
| 340   | 345 | 350     |
| Ser Ser Ser Gly Ser Gly Gly His Trp Ala Thr Arg Ser Ser Trp Thr |     |         |
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<211> 1762

<212> DNA

<213> Rattus norvegicus

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<213> Rattus norvegicus

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35 40 45

Gly Arg Tyr Leu Ala Tyr Cys Gly Lys Leu Phe Asn Gly Leu Arg Arg

50 55 60

Thr Asp Glu Cys Arg Ala Val Ile Glu Asp Met Leu Ala Val Pro Lys

65 70 75 80

Ala Ala Leu Leu Asn Asp Cys Val Cys Asp Gly Leu Glu Arg Pro Ile

85 90 95

Cys Glu Ser Val Lys Glu Asn Met Ala Arg Leu Cys Phe Gly Pro Asp

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<212> DNA

<213> artificial sequence

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<223> 5' primer from mouse sequence

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<213> Artificial sequence

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<223> 3' primer from rat

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<212> DNA

<213> Artificial Sequence

<220>

<223> antisense oligonucleotide

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tcctcatcca tccat

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<211> 15

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<213> artificial sequence

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<223> oligonucleotide

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